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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **1-122**First Inventor or Application Identifier **FUKUDA et al.**Title **SEMICONDUCTOR SWITCHING ELEMENT  
DRIVING CIRCUIT**

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **59**]

-Descriptive title of the Invention

-Cross Reference to Related Applications

-Background of the Invention

-Summary of the Invention

-Brief Description of the Drawings

-Detailed Description of the Preferred Embodiment

-Claims

-Abstract of the Disclosure

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **12**]

4. Oath or Declaration [Total Sheets **4**]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))  
(for continuation/divisional with Box 16 completed)

- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b)  
Statement (when there is an assignee) ☐ Power of  
Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure  
Statement (IDS)PTO-1449 ☒ Copies of IDS  
Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
13. ☐ Small Entity  
Statement(s)  
(PTO/SB/09-12) ☐ Statement filed in prior application,  
Status still proper and desired
14. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label(Insert Customer  
here)or ☐ Correspondence address below

Name

**23400**

PATENT, TRADEMARK OFFICE

Address

City

State

Zip Code

Country

Telephone

**(202) 416-1638**

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Name (Printtype)

**DAVID G. POSZ**

Registration No. (Attorney/Agent)

**37,701**

Signature

Date

**March 29, 2001**

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LAW OFFICE OF  
**DAVID G. POSZ**  
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WASHINGTON, D.C. 20036

SPECIALIZING IN PATENTS, TRADEMARKS & COPYRIGHTS

DAVID G. POSZ  
KERRY S. CULPEPPER\*  
\* ADMITTED IN VA ONLY

March 29, 2001

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Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

**OIPE HAND DELIVERY FILING CERTIFICATE**

**Applicant:** FUKUDA et al.

**For:** SEMICONDUCTOR SWITCHING ELEMENT DRIVING CIRCUIT

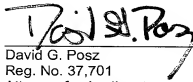
**Docket:** 1-122

**Attorney:** David G. Posz

**Date of Deposit:** March 29, 2001

I hereby certify that this certificate and the following documents are being hand delivered to, and deposited with, the USPTO at the Customer Service Window, Office of Initial Patent Examination, Crystal Plaza Building 2, Room 1B03, 2011 South Clark Place, Arlington, VA 22202 on the above-indicated date, and are addressed to the Commissioner of Patents and Trademarks/Assistant Commissioner for Patents, Washington, D.C., 20231:

- return receipt postcard;
- transmittal form (2 copies);
- fee calculation form (2 copies);
- 59 page specification including 21 numbered claims;
- 12 sheets of formal drawings;
- executed declaration/power of attorney;
- executed assignment with recordation cover sheet (3 pages total);
- Check for \$768;
- IDS with PTO-1449 form listing 17 references; and
- 3 certified copies of priority documents (JP 2000-101305, JP 2000-232985, JP 2000-027323).

  
David G. Posz  
Reg. No. 37,701  
Attorney for Applicant

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# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)**768**

## Complete if Known

Application Number \_\_\_\_\_  
Filing Date **March 29, 2001**  
First Named Inventor **FUKUDA et al.**  
Examiner Name \_\_\_\_\_  
Group/Art Unit \_\_\_\_\_  
Attorney Docket No. **1-122**

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **50-1147**

Deposit Account Name **LAW OFFICE OF DAVID G. POSZ**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710 201 355		Utility filing fee	<b>710</b>
106 320 206 160		Design filing fee	
107 490 207 245		Plant filing fee	
108 710 208 355		Reissue filing fee	
114 150 214 75		Provisional filing fee	

SUBTOTAL (1) (\$)**710**

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Below	Fee Paid
21	-20**	0	1
3	-3**	0	0
Multiple Dependent		270	

\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18 203 9		Claims in excess of 20	
102 80 202 40		Independent claims in excess of 3	
104 270 204 135		Multiple dependent claim, if not paid	
109 80 209 40		**Reissue independent claims over original patent	
110 18 210 9		**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**18**

## FEE CALCULATION (continued)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for reexamination	
112 920* 112 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 390 216 195		Extension for reply within second month	
117 890 217 445		Extension for reply within third month	
118 1,390 218 695		Extension for reply within fourth month	
128 1,890 228 945		Extension for reply within fifth month	
119 310 219 155		Notice of Appeal	
120 310 220 155		Filing a brief in support of an appeal	
121 270 221 135		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,240 241 620		Petition to revive - unintentional	
142 1,240 242 620		Utility issue fee (or reissue)	
143 440 243 220		Design issue fee	
144 800 244 300		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Petitions related to provisional applications	
126 240 126 240		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	<b>40</b>
146 710 246 355		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710 249 355		For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
SUBTOTAL (3) (\$) <b>40</b>			

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Name (Print/Type) **DAVID G. POSZ** Registration No. (Attorney/Agent) **37,701** Telephone **(202) 416-1638**  
Signature **[Signature]** Date **March 29, 2001**

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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